

The nucleotide coding sequence (SEQ ID NO:1) and amino acid sequence (SEQ ID NO:2) of bovine lysozyme

atg	aag	gct	ctc	gtt	att	ctg	ggg	ttt	ctc	ttc	ctt	tct	gtc	gct
M	F	A	L	V		L	G	I	L	F	L	S	V	A
gtc	caa	ggc	aag	gtc	ttt	gag	aga	tgt	gag	ctt	gcc	aga	act	ctg
V	Q	G	K	V	F	E	R	C	E	L	A	R	T	L
aag	aaa	ctt	gga	ctg	gac	ggc	tat	aag	gga	gtc	agc	ctg	gca	aac
K	K	L	G	L	D	G	Y	K	G	V	S	L	A	N
tgg	ttg	tgt	ttg	acc	aaa	tgg	gaa	agc	agt	tat	aac	aca	aaa	gct
W	L	C	L	T	K	W	E	S	S	Y	N	T	K	A
aca	aac	tac	aat	cct	agc	agt	gaa	agc	act	gat	tat	ggg	ata	ttt
			T				A			L	A	T	L	F
cag	atc	aac	agc	aaa	tgg	tgg	tgt	aat	gat	ggc	aaa	acc	cct	aat
Q	I	N	S	K	W	W	C	N	D	G	K	T	P	N
gca	gtt	gac	ggc	tgt	cat	gta	tcc	tgc	agc	gaa	tta	atg	gaa	aat
A	V	D	G	C	H	V	G	C	S	E	L	M	E	N
gac	atc	gct	aaa	gct	gta	gcg	tgt	gca	aag	cat	att	gtc	agt	gag
L	I	A	K	A		A	T	A	F	F	L	T	L	
caa	ggc	att	aca	gcc	tgg	gtg	gca	tgg	aaa	agt	cat	tgt	cga	gac
Q	G	L	T	A	W	V	A	W	K	S	H	C	R	D
cat	gac	gtc	agc	agt	tac	gtt	gag	ggt	tgc	acc	ctg	taa		
H	D	V	S	S	Y	V	E	G	C	T	L	*		

FIG. 2 (sheet 1 of 4)

Nucleotide sequence of the plasmid p1044-BolLys

(extends from nucleotides 5767 – 6211 of the viral vector; the sequence encoding bovine lysozyme, including the stop codon, is inserted as a PacI-XhoI fragment and is shown in lower case letters, underscored)

GTATTTTAC AACAAATTACC AACAAACAACA AACAAACAGAC AACATTACAA TTACTATTTA CAATTACAAT GGCATACACA CAGACAGCTA
CCACATCAGC TTGCTGGAC ACTGTCCGAG GAAACAACCTC CTGGTCAAT GATCTAGCAA AGCGTGGTCT TTACACACA GCGGTTGAAG
AGTTTAAACG TCGTGACCG AGGCCCAAGG TGAACCTTTC AAAAGTAATA AGCAGGAGC AGACGTTAT TGCATACCCG GCGTATCCAG
AATTCCAAAT TACATTTTAT AACACGCAAA ATGCCGTGCA TTGCTTGA GGTGATTGC GATCTTTAGA ACTGGAATAT CTGATGATGC
AAATTTCCCTA CGGATCATTG ACTTATGACA TAGGCGGGAA TTTTGCATCG CATCTGTTCA AGGAGGAGC ATATGTACAC TGCTGCATGC
CCAACCTGGA CGTTCGAGC ATCATGCGC ACGAAGGCCA GAAAGACAGT ATTGAACAT ACCTTTCTAG GCTAGAGAGA GGGGGGAAAA
CAGTCCCCAA CTTCCAAAAG GAAGCATTTG ACAGATACGC AGAAATTCCT GAAGACGCTG TCTGTACAA TACTTTCCAG ACATGGGAAC
ATCAGCCGAT GCAGCAATCA GGCAGAGTGT ATGCCATTGC GCTACACAGC ATATATGACA TACCAGCCGA TGAGTTCGGG GCGGCACTCT
TGAGGAAAAA TGTCCATACG TGCTATGCC CTTTCCACTT CTCCGAGAAC CTGCTTCTTG AAGATTCAATG CGTCAATTG GACGAATCA
ACGCGTGTTC TCGCGCGAT GGAGACAAGT TGACCTTTTC TTTTGCATCA GAGAGTACTC TTAATTACTG TCATAGTTAT TCTAATATTC
TTAAGTATGT GTCAAAACT TACTTCCCG CCTCTAATAG AGAGGTTTAC ATGAAGGAGT TTTTAGTCAC CAGAGTTAAT ACCTGGTTTT
GTAAGTTTTT TAGAATAGAT ACTTTTCTTT TGTACAAAAG TGTGGCCCAT AAAAGTGTAG ATAGTAGCA GTTTTATACT GCAATGGAAG
ACGCATGGCA TTACAAAAG ACTCTTGCAA TGTCAACAG CGAGAGAATC CTCTTGAGG ATTCTATCAG AGTCAATTAC TGGTTTCCCA
AAATGAGGGA TATGGTCATC GTACCATTTT TGTGAGACT TTTGGAGACT AGTACAGGA CCGCAAGGA AGTCTTAGTG TCCAAGGATT
TCGTGTTTAC AGTGCTTAAC CACATTCGAA CATAACAGG GAAAGCTCTT ACATACCCAA AATCTTGT TACAATCCTT GTCCATGAG TTTTACCTGC
CGAGGGTAAT CATTAACGGT GTGACAGCA AAGGATGACT TACTGATTAG CAAGTTTAGT CTCGGTTGCA AAACGGTGTG CCAGCATGTG TGGGATGAGA
ATACTAAGCT TGGCGTTCTA AAGGATGACT GCAATTCCTT CCGTGAAGA GAGGCTCTTG AACAGGAAC TTATCAGAGT GGCAGGCGAC GCATTAGAGA
TTTCGCTGCG GTTTGGGAAC TGATCTATAT GTGACCTTCC ACGACAGATT AGTACTGAG TACAAGCCT TGTGAGGAGT GCCTGCGCTT GACATTAGGA
TCAGGGTGCC TGATCTATAT GTGATGTACA ATGACTTTC AGAATATCG GTGTTAAGG AGTCTGACAA ATTCGATGTT GATGTTTTTT
AGAGATGGA AGAACGGAA GTGATGTACA ATGACTTTC AGAATATCG GTGTTAAGG AGTCTGACAA ATTCGATGTT GATGTTTTTT
CCAGATGTG CCAATCTTTG GAAGTTGACC CAATGACGGC AGCAAGGTT ATAGTCCGGT TCATGAGCAA TGAGAGCGGT CTGACTCTCA
CATTGAACG ACCTACTGAG GCGAATGTTG CGCTAGCTTT ACAGATCAA GAGAAGGTT CAGAAGGTC ATTGGTAGT ACCTCAAGAG
AAGTTGAAGA ACCGTCCATG AAGGTTTGA TGGCCAGAG AGAGTACAA TTAGCTGCTC TTGCTGGAGA TCATCCGGAA TCGTCCCTAT
CTAAGAACGA GGAGATAGAG TCATTAGAGC AGTTTATAT GCGGACGGCA GATTCTGTA TCGTAAAGCA GATGAGCTCG ATTGTGTACA
CGGCTCCGAT TAAAGTTCAG CAAATGAAAA ACTTTATCGA TAGCCTGGTA GCATCACTAT CTGCTGGGT GTCGAATCTC GTCAAGATCC
TCAAAGATAC AGCTGCTATT GACCTTGAAA CCGCTCAAAA GTTTGGAGTC TTGGATGTTG CATCTAGGAA GTGGTTAATC AAACCAACGG

FIG. 2 (sheet 2 of 4)

CCAGAGTCA TGCATGGGGT GTTGTGAA CCGACGGAG GAAGTATCAT GTGGCGCTTT TGAATATGA TGAGCAGGGT GTGGTGACAT
 GCGATGATTG GAGAAGAGTA GCTGTAGCT CTGAGTCTGT CTGATGCGA AACTAGAAC TCTGCGAGA CTGCTTCGAA
 ACGGAGAAC GATGTCAGT AGCGCAAGG TTGTTCTTGT GGACGGAGT CCGGCTGTG GAAACCCAA AGAATCTTT TCAGGGTTA
 ATTTTGATGA AGATCTAAT CGTTAAACC GATTGATCTT TTAGTACCTG GGAAGCAAGC CGCGAAATG ATCAGAAGC GTCCGAATTC CTGAGGAT ATTGTGGCCA
 CGAAGGACAA GATTGATCTT GGTGTTAAT TCTTGTGGC GATGTCATTG TGGGAAATG TGGGAAATG CATATGTTA CCGACACACA CAGCAGATTC
 GGTGATGTT GCATGCTTGA GGTATCCCTG ACCCGCCCA TTGTCGCAA TTGGAAGTTG ACAGGTTGA GACACGAGA ACTACTCTCC
 CATACATCA TAGACTTTCA CATTATCTGA CAGGAGATA TGAGGCTTT GTCATGAGCA CTCTCTCGT TAAAGTCT GTTTCGAGG
 GTTGTCAGC CGATGTCACA CGATCTCAA ACCCTTGCAT GGCAGATCC GAGCATACT CTGCTTCTG CTGCTTCTG TTAACCCCTA
 AGATGCTCG CGGAGCCGCC GTGATCAATC CTGTGCATGA AGTGCAAGG GATGCGATG TGTGCGACA CCTGTTCTG CTGCTTCTG TTAACCCCTA
 TGCTTTCAAG AGGTATTCA GATGTTTACA GATGTTTTC CACATGTTTT TAGTCGTAC TTGTTAGATA TGATAAAGT CAGTCTAC ACTGTTGTTA
 CACCGTCTC CATCATTGCA GGAGACAGC CACATGTTTT TAGTCGTAC TTGTTAGATA TGATAAAGT CAGTCTAC ACTGTTGTTA
 TGGATCCTT AGTTAGTATC ATTAGAGATC TAGAGAACT CCAATCTTT TGTGCGAGC CCAAAGACTG GTGATGCGA ACACAAATAGC
 AATTACAGT TGACTCGGTG TTCAAAGTT TGAATAATTT TGAATGCTTT ACCATGAGGT TGAATGCTTT TGAATGCTTT TGAATGCTTT TGAATGCTTT
 ATAAGTCTT CCCAGGCAAC AGCACCATGA TGAATAATTT TGAATGCTTT ACCATGAGGT TGAATGCTTT TGAATGCTTT TGAATGCTTT TGAATGCTTT
 GCATATTGGA TATGCTAAG TCTGTTGCTG CGCTAAGGA TCAATCAAA CCACTAATAC CTATGCTACG AAGTGTCTG CATCATGAT ATTGAAAGAT
 GCCAGACTGG ACTATTGGAA AATTAGTGG AATGATTTA AAGAACTTT AACGACCCG AGTGTCTG CATCATGAT ATTGAAAGAT
 CTGATCTTT GGTGTAGAT AAGTTTTT GATGTTATTT GCTTAAAGAA AATAGGCCAG CTGCGAGATT TTGATTTTGT TGAATGCTTT TGAATGCTTT
 AGTCTCTCA TAGATGGTTA GAAAGCGAG AACAGGTAAC AATAGGCCAG CTGCGAGATT TTGATTTTGT TGAATGCTTT TGAATGCTTT
 AGTACAGCA CATGATTAA GATCAATGCA ATATTCGGC CGTTGTTTGT GACACTTCA ATCCAAACGG AGTACCCGGC TTTGCGAGC ATTGTGATC
 ATTCAAAGAA GATCAATGCA ATATTCGGC CGTTGTTTGT GACACTTCA ATCCAAACGG AGTACCCGGC TTTGCGAGC ATTGTGATC
 TTTTCACAG AAAGACACCA GCGCAGATT AGGATTTCTT CCGAGATCTC GACAGTCTG TGGCAGTGT TGGCAGTGT TGGCAGTGT TGGCAGTGT
 CAAATACGA CAAATCTCAG AATGAATTC AAGACCACC TCAAGGATTA TACCGCAGT ATAAACCTT GCATCTGGA TGAAGAAAG AGCGGGGACG
 TTTGGAACA AGGCAATAGA AAGACCACC TCAAGGATTA TACCGCAGT ATAAACCTT GCATCTGGA TGAAGAAAG AGCGGGGACG
 TCACGACGTT CATTGGAAC ACTGTGATCA TTGCTGCATG TTTGGCCTCG ATGCTTCCGA TGGAGAAAT AATCAAGGA GCCTTTGCG
 GTGACGATAG TCTGCTGATC TACTTTTGG TACTTTTGG GAAGATATGT AATACATCAC GACAGAGAT GCATCTGGA TGGAGAAAT AATCAAGGA GCCTTTGCG
 TGTTTTAAA ACAGTATGGA CACATCAAG ATTGGGAACA CTTGGAGAG TTCAGAAAGT CCACTCTTAT TGAAGAAAT AATCAAGGA GCCTTTGCG
 TCTCGAACT TGGTCTTAA TTACACACAG TTGGACGAG CTGTATGGA GGTTCATAAG ACCGCCCTC CAGGTTCTG TGTGCTGTA TGTGCTGTA
 ATTGTGCGTA TTACACACAG TTGGACGAG CTGTATGGA GGTTCATAAG ACCGCCCTC CAGGTTCTG TGTGCTGTA TGTGCTGTA TGTGCTGTA
 AGTATTGTC TGATAAAGT CTTTGTAGAA GTTTGTTTAT AGATGCTCT CTGTAAAG TGTGCTGTA TGTGCTGTA TGTGCTGTA TGTGCTGTA
 CTGACAAAATGGAGAAGAT CTTACCGTCTG ATGTTTACCC CTGTAAAG TGTGCTGTA TGTGCTGTA TGTGCTGTA TGTGCTGTA TGTGCTGTA
 AATGAGTCAT TGTACGGGGT GAACCTTCTT AAAGGAGTTA AGCTTATTGA TAGTGGATC GTCTGTTTGT CCGGTTTGT CCGTACGGGG
 GAGTGGAAT TGCCTGACAA TTGCAGAGGA GGTGTGAGCG TGTGCTGTT GACAAAAG ATGGAAGAG CCGACGAGCG CATTCCTCGA

FIG. 2 (sheet 3 of 4)

TCTTACTACA CAGCAGCTGC AAAGAAAAGA TTTCAGTTCA AGSTCGTTCC CAATTATGCT ATACCAACCC AGGACCCGAT GAAAAACGTC
 TGGCAAGTTT TAGTTAATAT TAGAAATGTG AAGATGTACAG CCGGTTTCTG TCCGCTTCT CTGAGTTTG TGTCGGTGTG TATGTTTAT
 AGAAATAATA TAAATATTAG TTTCGAGAGAG AAGATTACAA ACCTGAGAGA CGAGGGGCC ATGAACCTTA CAGAAGAAGT CGTTGATGAG
 TTCAATGGAAG ATGTCCTAT GTCGATCAGG CTTCGAAAGT TTCGATCTCG AACGGGAAA AAGAGTGATG TCCGCAAGG GAAAAATAGT
 AGTAGTGATC GGTCAAGTCC GAACAAGAAC TATAGAAATG TTAAGGATTT TGGGGGAATG AGTTTAAAA AGAATAATTT AATCGATGAT
 GATTCGGAGG CTACTGTGCG CGAATCGGAT TCGTTTAAA TAGATCTTAC AGTATCACTA CTCCATCTCA GTTCGTGTTT TTGTCATTAA
 TTAATAA

atg aag gct ctc gtt att ctg ggg ttt ctc ttc ctt tct gtc gct gtc caa ggc aag gtc ttt gag aga tgt gag
ctt gcc aga act ctg aag aaa ctt gga ctg gac ggc tat aag gga gtc gtc aac ctg gca aac tgg ttg tgt ttg acc
aaa tgg gaa agc agt tat aac aca aaa gct aca aac tac aat cct agc agt gaa agc act gat tat ggg ata ttt
cag atc aac agc aaa tgg tgg tgt aat gat ggc aaa acc cct aat gca gtt gac ggc tgt cat gta tcc tgc agc
gaa tta atg gaa aat gac atc gct aaa gct gta gcg tgt gca aag cat att gtc agt gag caa ggc att aca gcc
tgg gtg gca tgg aaa agt cat tgt cga gac cat gac gtc agc agt tac gtt gag ggt tgc acc ctg taa

CTCGAGGGGT AGTCAAGATG CATAATAAAT AACGGATTGT GTCCGTAATC ACACGTGGTG CGTAGATGT TTTCCCTCC
 ACTTAAATCG AAGGTTGTG TCTTGGATCG CGCGGGTCAA ATGTATATGG TTCATATACA TCCGAGGCA CGTAAATAAG CGAGGGGTTT
 GGGTCGAGGT CGGCTGTGAA ACTCGAAAG GTTCCGGAAG AATGTAAGTG ATGACGAGTC TATCGGTCA TCGAGTACGT TTTAATCAAT
 TAGTGGTAAG AAAGGTTTGA AAGTTGAGGA AATTGAGGAT TAAGTTCCGC TTATGCAGAT CCTGTGCAGC TGATCAATCT GTGTACAAAT
 ATGCCTTATA CAATCAACTC TCCGAGCCAA TTTGTTTACT TAAGTTCCGC GCAATTTGCG GATGCTGGA AACCTGTGCC TAGTATGACA
 GCATTGGGTA ACCAGTTTCA AACGCAACAA GCTAGGACAA ATTCGACGCT TGATCCGTTG ATCAGGCGCT TATTAATAAG CTTGATGACT
 GTGAGATTTC CTGCATCGGA TTTCTATGTG TATAGATATA ATTCGACGCT TAATCGTTAA GCGACTCAGA GGGTAGACGA TGCAGTGTGA
 AGAAATAGAA TAATAGAGGT TGATAATCAA CCCGCACCGA ATACTACTGA AATCGTTAAC GCGACTCAGA GGGTAGACGA TGCAGTGTGA
 GCTATAAGG CTTCAATCAA TAATTTGGCT CTATTGTTGT GAGATTTCCT AAAATAAAGT CACTGAAGAC TTTAAATTTCA GGGTGGCTGA
 CTTGTCTGGA CCACAACCTC GGCTACTTAG GTTCGTCAC TTAATATATA CGATTGTCAT ATCTGGATCC AAGTTTAAA CCATGTGATG GTGTATACTG
 TACCAAAATC AGCAGTGGTT GTTCGTCAC TTAATATATA CGATTGTCAT ATCTGGATCC AAGTTTAAA CCATGTGATG GTGTATACTG
 TGGTATGGCG TAAACAACG GAAAGTCGCG TGAAGACTTA AATTCAGGG TGGTGATAC TACTGTGG TATGCTGTAA AACACGGAG AGGTTGGAAT
 AAAATAACGA TTGTATATC TGGATCCAA AGTTAAACCA TGTGATGGT TACTGTGG TATGCTGTAA AACACGGAG AGGTTGGAAT
 CCTCCCTTAA CCGCGGGTAG CGGCCAGGT ACCCGGATGT GTTTCCGGG CTGATGAGTC CGTAGGAGC AACCTGGCT GCAGGATGC
 AAGCTTGGCG TAATcatggt catAGCTGTT TCCTGTGTGA AATGTTATC CGTCAACAAT TCCACACAAC ATACAGCCG GAAGCATAAA
 GTGTAAGCC TGGGGTGCCT AATGAGTGAG CTAACCTACA TTAATTGCGT TGGCTCACT GCGGCTTTC CAGTCGGGA ACCTCTCGTG
 CCAGCTGCAT TAATGAATCG GCCAACGCC GGGGAGAGGC GGTTTGCGTA TTGGGCGCTC TCCTCACTG TCCTGCTGCC

FIGURE 2 (sheet 4 of 4)

CTCGGTCGTT CGGCTGCGGC GAGCGGTATC AGCTCACTCA AAGGCGGTAA TACGGTTATC CACAAATCA GGGATAACG CAGGAAAGAA
 CATGTGAGCA AAAGGCCAG AAAAGGCCAG GAACCGTAAA AAGGCGCGT TGCTGGCGTT TTTCCATAGG CTCCGCCCC CTGACAGCA
 TCACAAAAAT CGACGCTCAA GTCAGAGGTG GCGAAACCG ACAGGACTAT AAAGATACCA GCGGTTTCCC CCTGGAAGT CCTCGTGCG
 CTCCTCTGTT CCGACCTGTC CGCTTACCG ATACTGTCC GCTTCTCTC CTTGCGGAAG CGTGGGCTT TCTCATAGT CACGCTGTAG
 GTATCTCAGT TCGGTGTAGG TCGTTCGCT CCAAGTGGC TGTGTGCAC AACCCTCCGT TCAGGCGGAC CGCTGCGCTT TATCCGGTAA
 CTATCGTCTT GAGTCCAACC CCGTAAGACA CCACTTATCG CCACTGGCAG CAGCCACTGG TAACAGGATT AGCAGAGCA GGTATGTAGG
 CCGTGCTACA GAGTCTTGA AGTGGTGGC TAACTACGC TAACTAGAA GGACAGTAT TGGTATCTGC GCTCTGCTGA AGCCAGTTAC
 CTTCCGAAAA AGAGTTGGTA GATCTCTAAG AAGATCCTTT GATCTTTCT ACGGGGTCTG GTAGCTGAGT TTTTCTTGT TGCAGCAGC AGATFACGCG
 CAGAAAAAAA GGATCTCAAG AATCAAAAT GATCTTTTA GATCTTTTA AATTAATAAT GAACTTAA ATCAATCTAA AGTATATAG AGTAAACTTG
 CATGAGATTA TACCAATGCT TAATCAGTGA GGCACCTATC ATCTGCCCC AGTCTGCAA TGATACCGG TGATACCGC CAGATTATC
 GTAGATAACT ACGATACGG AGGCTTACC AGGCTTACC AGGCTTACC AGTCTGCAA TGATACCGG TGATACCGC CAGATTATC
 AGCAATAAAC CAGCCAGCG AGTAGTTCG CAGTTAATAG TTTGCGCAAC GTTGTGCAA TTGCTACAG CATCTGGTG TCACGCTCGT CGTTGGGTAT
 AGCTAGAGTA AGCTCCGGT CCCAACGATC GGTCCGCAAGT ACATGATCCC CCACTGTTG CAAATAAAGCG GTTAGCTCTT TCGTCTCTCC
 GATCGTTGTC AGAAGTAAGT TGGCCGCGT AGTACTCAAC CCACTGTTG CAAATAAAGCG GTTAGCTCTT TCGTCTCTCC
 ATGCTTTTCT GTGACTGGT GCGCCACATA GCAGAACTTT AAAAGTGCTC ATCATTTGAA AACGTTCTT CAGCTGCTG CAGCTGCTG
 GGATAATACC GCGCCACATA AGCTCGATG AACCCACTCG TGCACCCAAC TGATCTTCA GCGAAATGTT GAACTACTCAT ACTCTTCTT TTTCAATATT ATTGAAGCAT
 GTTGAGATCC AGTTGATGT AATGCCGCAA AATGCGGCAAT AAAAGGGAAT AAGGGCGACA CATATTGAA TGTATTTAGA AAAATAAACA AATAGGGGT TCCCGCGAAA
 AGGAAGGCAA TATTGTCTCA TGAGCGGATA AAACCATAT TATCATGACA TTAACCTATA AAGCTTGTCT GATCAGGAG TATCAGGAGT TCCCGCGTTT
 AGTGCCACCT GACGCTAAG TCTGACACAT TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG
 CCGTGATGAC GGTGAAACC TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG
 TCAGGCGGCG GGTGAAACC TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG TCGGCGGTG
 GTGTGAaata ccgcacagat gcGTAAGGAG AAAATACCG ATCAGGCGCA TTCGCCATT AGGTGCGCA AGGTGCGTAA AGGTGCGTAA
 GTGCGGGCCT CTTGCTATT ACGCCAGCTG CCGAAAGGG GATGTGCTG AAGCGGATTA AGGTGCGTAA AGGTGCGTAA
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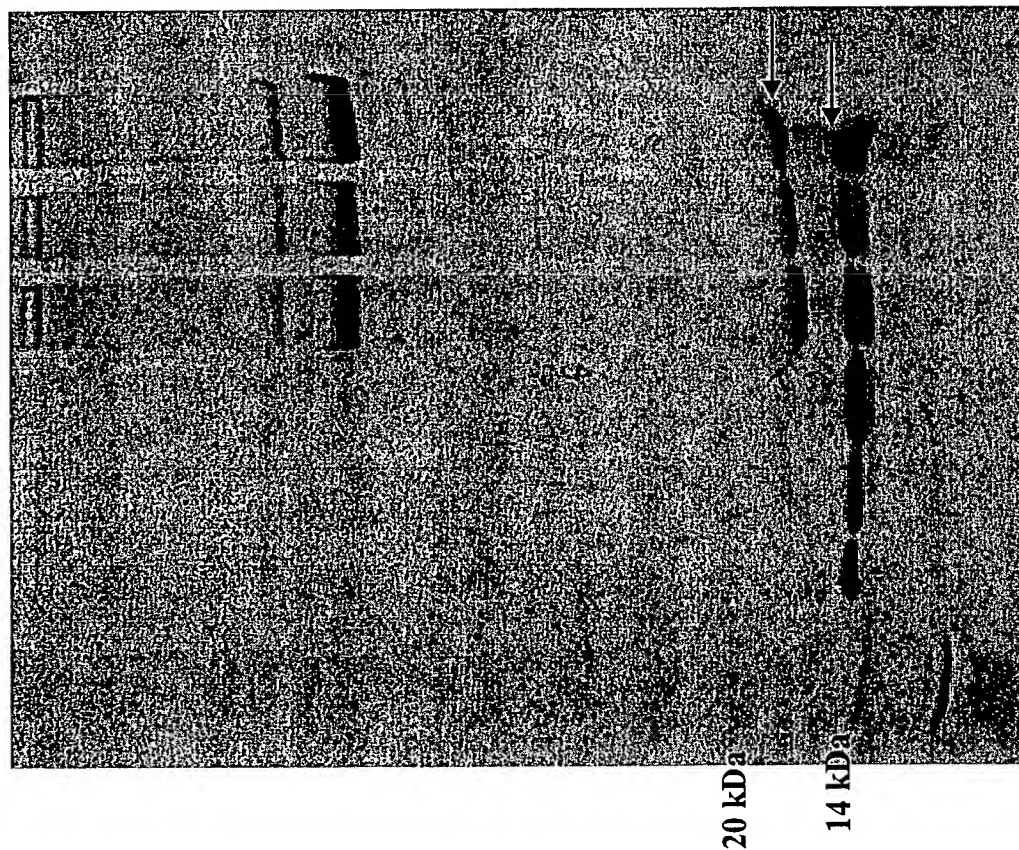


Fig. 4

**14% Tris-Glycine
SDS-PAGE gel**

1. Marker
2. (+) Hen EW lys 5 μ g
3. (+) BoLys - 1 μ g
4. (+) Boys - 2 μ g
5. (+) BoLys - 3.5 μ g
6. (+) BoLys - 5 μ g
7. (+) BoLys - 7 μ g
8. 1051500 IF crude - 1 μ l
9. 1051500 IF crude - 5 μ l
10. 1051100 IF crude - 1 μ l
11. 1051100 IF crude - 5 μ l
12. Marker

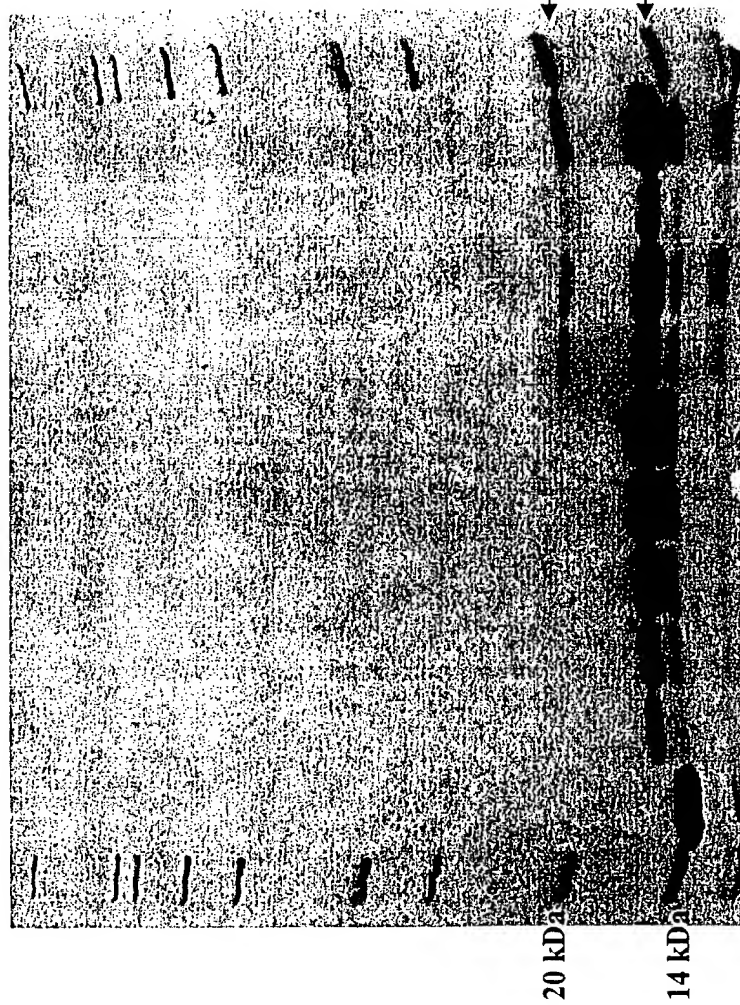


Fig. 5

2021.09.06 14:45:53

Laser : 2350
Scans Averaged: 62
Pressure: 1.07e-07
Low Mass Gate: 1000.0
Timed Ion Selector: 24.9 OFF
Negative Ions: OFF
Collected: 4/3/2000 5:13 PM

Method: HCD-80K
Mode: Linear
Accelerating Voltage: 25000
Grid Voltage: 90.000 %
Guide Wire Voltage: 0.100 %
Delay: 300 ON
Sample: 44

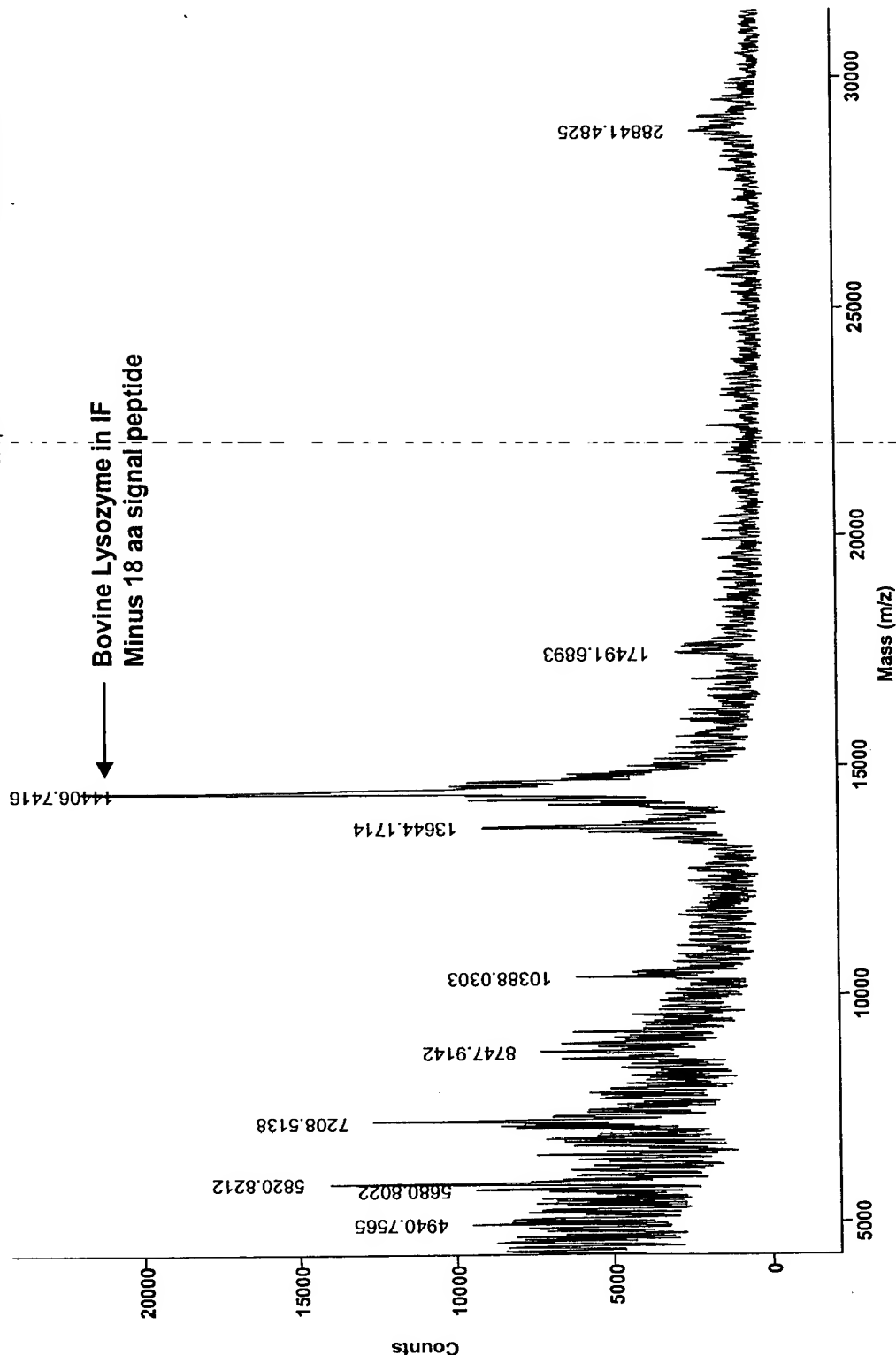


Fig. 6

3K vs. Standard (Turbidimetric)

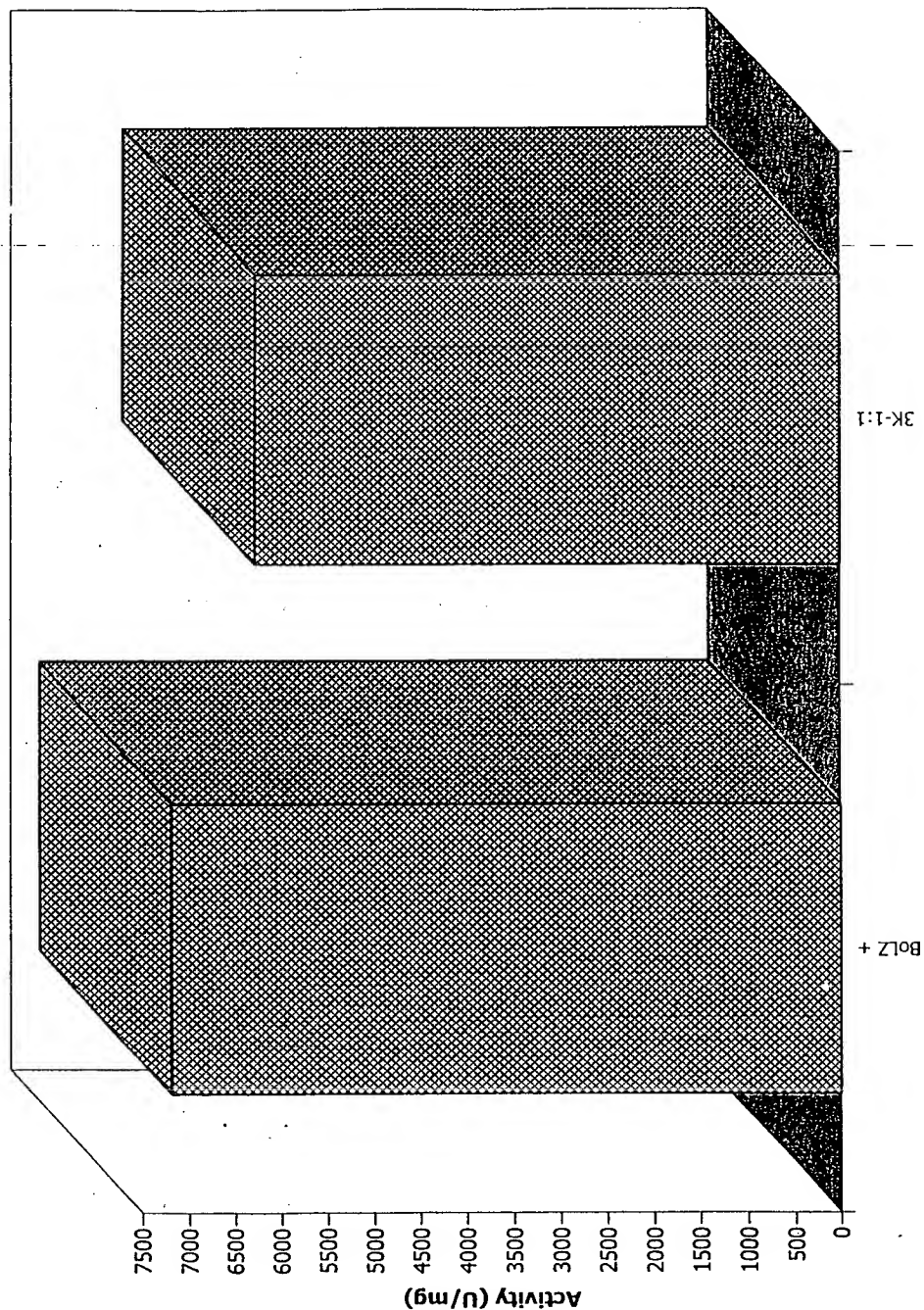


Fig. 7

042800 IF 041800 IF BoLZ Control

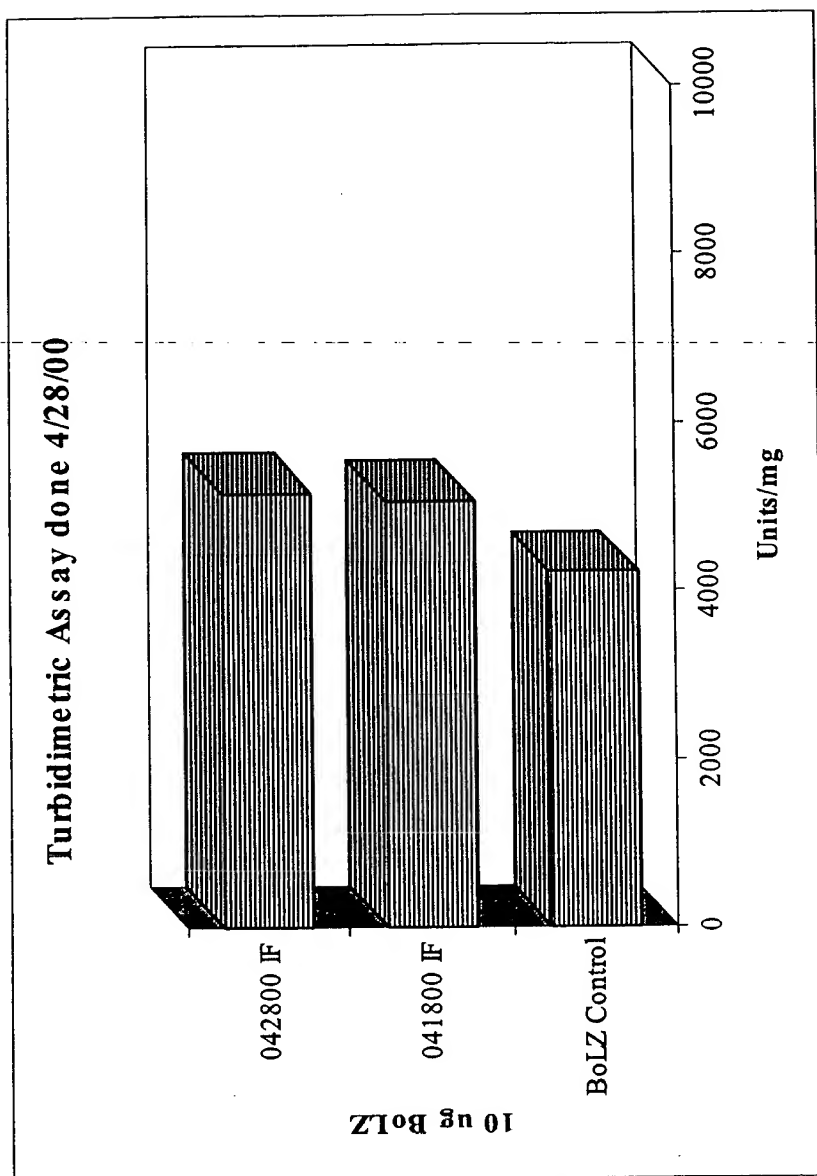


Fig. 8

Fluorometric Assay

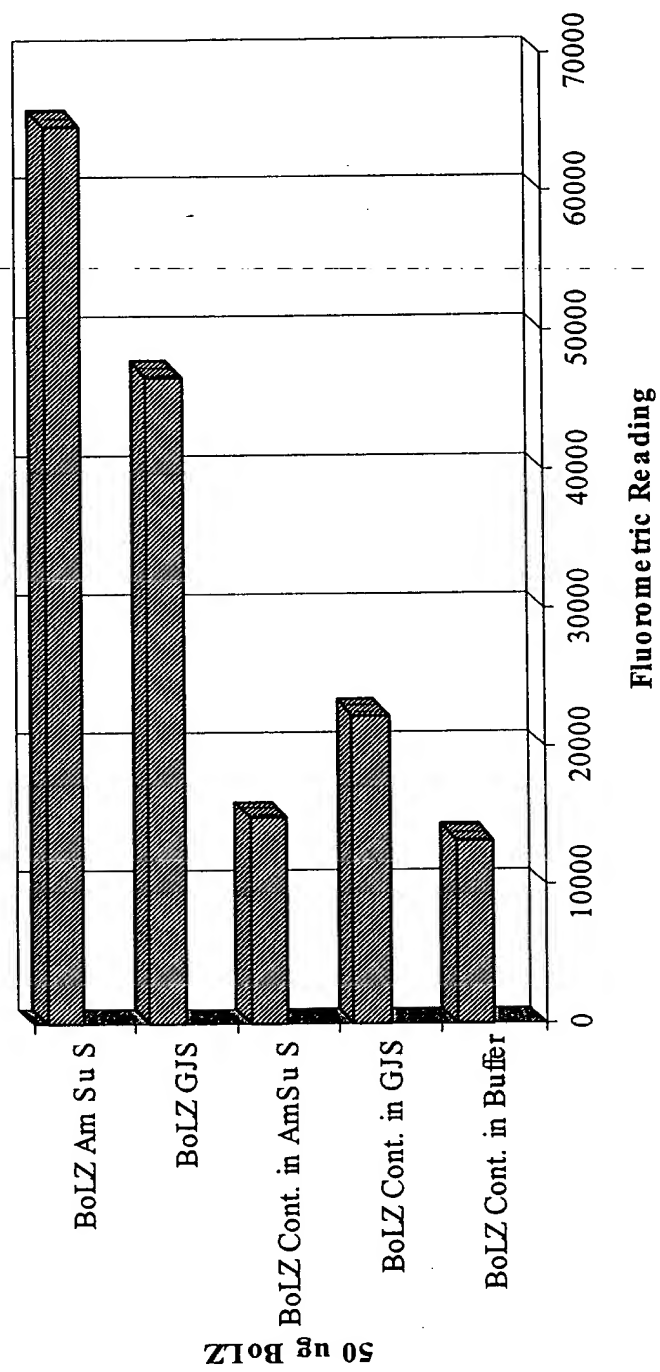


Fig. 9

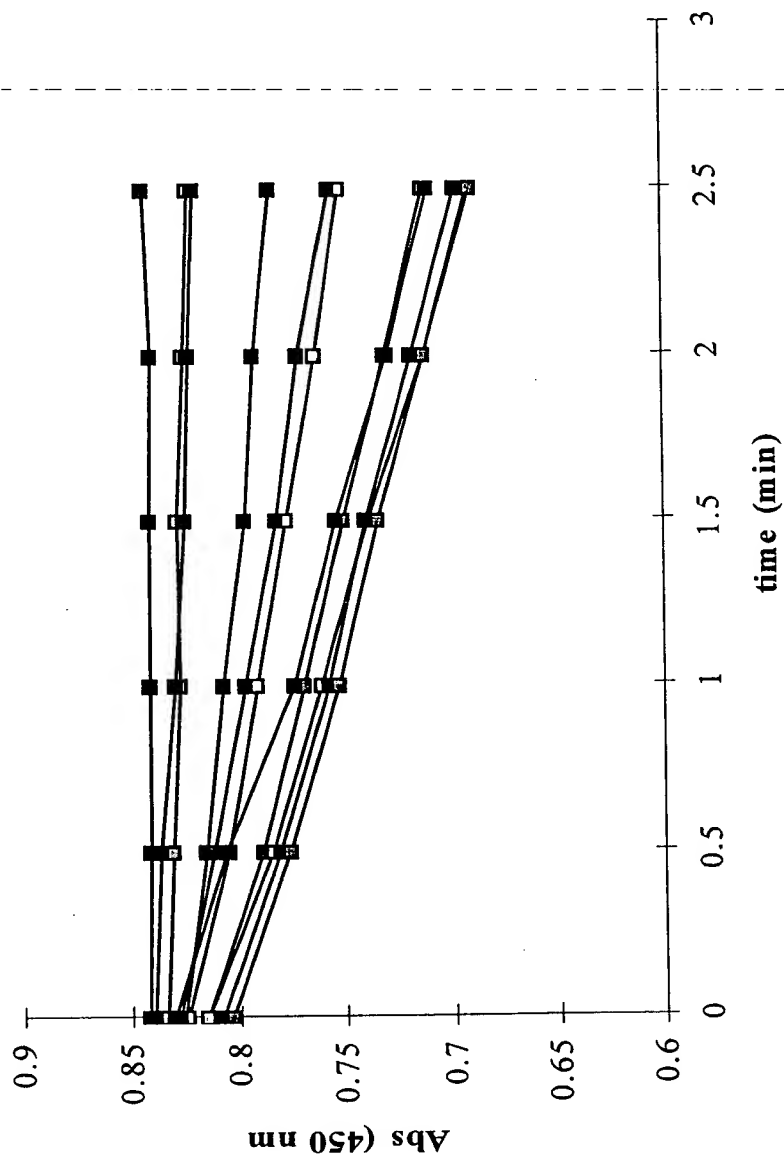


Fig. 10